

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Beisch et al.

Title: PROCESS AND DEVICE FOR
CALIBRATING DIGITAL INPUT
DEVICES

Appl. No.: Not yet assigned

Filing Date: Concurrently

Examiner: Unassigned

Art Unit: Unassigned

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Prior to examination please amend the application as follows.

IN THE CLAIMS:

In accordance with 37 C.F.R. § 1.121, please substitute for claims 3-6 and 9-11 the following rewritten versions of the same claims, as amended. The changes are shown explicitly in the attached "Version with Markings to Show Changes Made."

3. (Amended) Process according to claim 1, specified through the usage of only the most important gamut colors of the CMYK color space.

4. (Amended) Process according to claim 1, specified by the fact that the data achieved by the input device is transformed with a single conversion into the target color space.

5. (Once Amended) Process according to claim 1, specified by the fact a calibration picture is used which is printed with offset-printing (sheet fed offset or rotary offset), gravure printing or screen printing.

6. (Once Amended) Process according to claim 1, specified by the fact a calibration picture is used, with a multi- in this case tenfold repetition of the same color fields on different places on the target, following a defined pattern of repetition of the same colors, whereas the measured color data of the single color fields is averaged for the resulting color data set.

9. (Amended) Target according to claim 7, specified through the usage of only the most important gamut colors of the CMYK color space.

10. (Amended) Target according to claim 7, specified by the fact a calibration picture is used, with a multi- in this case tenfold repetition of the same color fields on different places on the target, following a defined pattern of repetition of the same colors, whereas the measured color data of the single color fields is averaged for the resulting color data set.

11. (Amended) Target according to claim 7, specified by the fact, that colors are printed with frequency modulated screening.

REMARKS

Applicants have amended claims 3-6 and 9-11 to remove multiple dependencies. Because the foregoing amendments do not introduce new matter, entry thereof by the Examiner is respectfully requested.

Formal examination of this application is courteously requested..

Respectfully submitted,

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Marked-Up Version of Amended Claims

3. (Amended) Process according to claim[s] 1 [or 2], specified through the usage of only the most important gamut colors of the CMYK color space.

4. (Amended) Process according to claim[s] 1 [to 3], specified by the fact that the data achieved by the input device is transformed with a single conversion into the target color space.

5. (Amended) Process according to claim[s] 1 [to 4], specified by the fact a calibration picture is used which is printed with offset-printing (sheet fed offset or rotary offset), gravure printing or screen printing.

6. (Amended) Process according to claim[s] 1 [to 5], specified by the fact a calibration picture is used, with a multi- in this case tenfold repetition of the same color fields on different places on the target, following a defined pattern of repetition of the same colors, whereas the measured color data of the single color fields is averaged for the resulting color data set.

9. (Amended) Target according to claim[s] 7 [or 8], specified through the usage of only the most important gamut colors of the CMYK color space.

10. (Amended) Target according to claim[s] 7 [to 9], specified by the fact a calibration picture is used, with a multi- in this case tenfold repetition of the same color fields on different places on the target, following a defined pattern of repetition of the same colors, whereas the measured color data of the single color fields is averaged for the resulting color data set.

11. (Amended) Target according to claim[s] 7 [to 10], specified by the fact, that colors are printed with frequency modulated screening.